Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



1. 8 Ne

MEETING OF COMMITTEE ON GRAPHS

for the

YEARBOOK ARTICLE ON FRUITS AND VEGETABLES

April 24, 1924.

The meeting was held in Dr. Corbett's Office, the following gentlemen being called in by Mr. Flohr, Chairman of the Committee on Graphs, to consider the subject of graphs and maps for the Yearbook article on Fruits and Vegetables:

Mr. J. H. Beattie
Mr. H. P. Gould
Mr. C. J. Hunn.
Mr. Johnson (for Mr. Haas)

The following graphs and maps were tentatively selected for inclusion in the article:

- 1. Agencies and channels for fruit marketing. (Graph)

 Decision: Re-make. Leave it to the draftsman to exercise his ingenuity.
- 2. Seasonal movement of oranges, lemons, and grapefruit, 3 yr. aver. 1919-1921. (Graph)

 Decision: Re-make, because it is patched up. Put on crop year basis instead of calendar basis.
- 3. Citrus fruit production areas. (Map)
 Decision: O.K.
- 4. Per capita consumption of oranges, lemons, and grapefruit. (graph) Decision: Re-make. Turn bars to horizontal position to save space.
- 5. Lemon production and imports. (Graph)
 Decision: Re-make. Treat the same as No. 4.
- 6. Bearing and non-bearing orange and grapefruit trees in Florida. (Graph)
 Decision: O.K.
- 7. Bearing and non-bearing orange and lemon trees in California. (Graph)
 Decision: O. K.
- 8. Raisins, production, exports and imports. (Graph)
 Decision: O.K. Perhaps we can get supplemental figures showing
 the trend toward 1925.
- 9. Wines and grape brandies, production, exports and imports. (Graph)
 Decision: O.K. but turn around the other way, in order to
 eliminate the sharp angles.

MINESTER OF CONTENSES OF CHAPTER

四周第一里的第

JAMES OF THE PROPERTY OF THE P

April do, 19th.

que empting tan held in ir. Corbett's affice. The following serious to being existed and tollowing as a serious tollow as a serious for the property of the property of the corporation and testing and testing and testing and testing and testing and testing to the restrict and testing as a serious as a seri

Mr. J. M. Boattie Mr. H. P. Goald Mr. Johnson (for Mr. Haes)

the the section of th

- L. Accorden and channels for Fruit mericeting. (Graph)
 Decked one Re-salts. Leave is to the Areftsman to exercise big
 Ingenator.
- 2. Joseph Larones of exempts, larone, and graphfull, 3 sr. met.
 lyly-lyst. (dramb)

 Lookelant Republy, because it is parched us. Fut on crap rear

 Lookelant Republy, because it is parched us. Fut on crap rear

 Lookelant Republy because of malerius backs.
 - 3. Citras twate production areas, (Men)
- h. Der cepije consention at erawes, lecone, und grapatruib. (graph)
 - Lecon production and imports. (Graph)
 Decisions Re-make, Troot the name as No. h.
- 6. Resting and non-boaring orange and gropelroit brees in Fight. (Graph Lecteing O.K.
 - 7. Descing and non-bearing orange and lames trees to deliformin. (Graph)
 - desired of the treed topers and topers. (draph)

 Decision: O.K. Perbage we can got supplemental tighter showing
 - 9. Times and grape branches, production, exports and imported (Graph). Desirions O.K. has turn around the other way, in order to eliginate the drawp angless.

- 10. Apples (barrel) farm prices and city jobbing prices. (Graph) Decision: Revise graph and legends.
- 11. Apples Seasonal variation in wholesale prices at New York, 1900-1921 (Graph)
 Decision: 0.K.
- 12. Apples Wholesale prices per barrel at New York market. (Graph)
 Decision: Retouch. Prefer bar graph to three line curve. Add
 data for recent years.
- 13. Oranges Monthly wholesale prices at New York. (Graph) Decision: Very good.
- 14. Apple Production, 1919. (Dot Map) Decision: O.K.
- 15. Apples sold or to be sold, 1919. (Dot Map)
 Decision: O.K.
- 16. Pear trees, acreage. (Dot Map)
 Decision: O.K.
- 17. Apple trees not of bearing age. Acreage (Dot Map)
 Decision: Very good.
- 18. Cold storage space in the United States. (Graph)
 Decision: Re-make from later data.
- 19. Shipping seasons of strawberries. (Map)
 Decision: Re-make. Determine whether dots represent acreage or
 carlot movement and clarify graph.
- 20. Blackberries, dewberries and loganberries, acreage. (Map)
 Decision: This graph should show only blackberries and dewberries.
- 21. Raspberry acreage, 1919. (Map)
 Decision: O.K. Use Census figures.
- 22. Value and native origin of fruits and nuts. (Graph)
 Decision: O.K. Change lettering for blackberries and blueberries.
- 23. Value of six fruit crops. (Graph)

 Decision: Look up figures in order to determine what we can make

 for all-inclusive graphs for both fruits and vegetables,

 on the basis of value.
- 24. Value of fruits by groups, 1919, (Graph)
 Decision: Change "Orchard Fruits" on graph to "Deciduous Fruits."

- 10. Argles (barrel) Farm prices and otty jobling prices. (Graph) Decision: Having graph and legands.
- II. Apples Sessonel variation in wholesale prices at New York, 1900-1921 (Graph)
- 12. Apples Wholesale prices per berrel at Hem York market. (Graph)
 Decision: Retouch. Prefer bar graph to three line curve. Add
 data for recent years.
 - 13. Granges Manchly thelesale prices at New York. (Graph) Testaton: Very good.
 - 18. Apple Production, 1919. (Dot Map)
 - 15. Apples sold or to be sold, 1919. (Det Hap) Decision: O.K.
 - 16. Pear trees, acresge. (Dok Map) Decision: O.K.
 - 17. Apple trees not of beering ago. Acrosse (Det Map) Decision: Very good.
 - 18. cold storage space in the United States. (Graph) Decision: He-make from later data.
 - 19. Stipping secons of stradbariss. (Map)
 Decision: Re-make. Determine thether dots represent screen or
 cerlot movement and clarify craph.
- 20. Blackborries, Semberries and loganberries, acreage. (Map)
 Decision: This graph should allow only blackberries and demosries.
 - El. Respherry acreage, 1919. (Map) Decision: O.E. Wee Conson Sigures.
- 22. Value and mative origin of fracts and mate. (Graph)
 Decision: O.E. Change lettering for blackberries and blackberries
- Pocision: Look op Figures is order to determine what we can make for all-inclusive graphs for both fruits and verstables, on the basis of value.
- 24. Value of fruits by groups, 1919, (Graph)
 Decision: Chonge "Orchard Fruits" on graph to "Decidnous Fruits."

- 25. Imports of fruits and nuts, 1921. (Graph)

 Decision: Have the people in charge of graphs consider the adjustment of graphs 35, 36, and 37, so that they can be looked at
 without getting dizzy in other words, put in good proportion
- 26. Apples in cold storage (Dec. of each year) (Graph) Decision: To be re-made.
- 27. Apples production and exports. (Graph)

 Decision: Ask Crop Estimates people whether they could furnish data as far back as 1900 on apple production. Before the discovery of spraying, agricultural and commercial apple crops were all the same thing.
- 28. Grape production, 1849-59-69-79-89-99-09-19. (Dot Maps)
 Decision: As space could not be afforded for so many maps, it was decided to eliminate the series and take the last one for the present presentation. We should have a map on acreage showing acreage as well as production. Do for grapes what we have done for apples, citrus, peaches, etc., that is, include map in graphic summary, Fig. 67.
- 29. Apples (boxes) farm prices and city jobbing prices. (Dot Maps) Decision: Re-make, lettering as in No. 10.
- 30. Destination of carlot shipments of Georgia peaches. June 5 to July 12, inclusive, 1921. (Map)

 Decision: Include as outstanding examples one or two fruit graphs (Strawberries and Georgia peaches, included) and one or two vegetable graphs (potatoes, for instance), that adapt themselves to illustrative purposes, and call attention to the fact that the same thing is going on with a great many commodities. Simply go far enough to clearly introduce the problem to the producers and the consumers. The Yearbook should be an inventory of problems that must be worked out in order that present conditions can be fully met.
- 31. Plum and prune trees. Acreage (Map)
 Decision: 0.K.
- 32. Fruits and nuts, Acreage. (Map) Decision: O.K.
- 33. Apple trees of bearing age. Acreage. (Map) Decision: O.K.
- 34. Peach trees of bearing age. Acreage. (Map)
 Decision: Omit "of bearing age."
- 35. Strawberry. Acreage. (Map)
 Decision: O.K.

- Estimporto of fruits and nate, 1921. (Graph)

 Declaton: Howe who people in charge of graphs consider the adjustment of graphs 35. H. and 37. so that they don to locked at
 without setting dissy in other words, put in good properitor
 - 25, Arphas in sold storage (Ned. of each year) (Graph)
 - 27. Apples production and exports. (Graph)

 Desistant Adv Orey Pattents people whether they could furnish
 date on far back as 1900 on apple production. Before
 the discovery of spraying, agricultural and commercial
 conta crops were all the came thing.
 - 28. Graps production, 18h9-59-69-79-89-99-09-19. (Dot Maps)
 Desinion: As space could not be afforded for so many maps, it res
 desided to eliminate the series and take the last one
 for the present presentation. We should have a map on
 ecreage chowing acreage as well as production. Do for
 grapes what we have done for apples, citrus, peaches.
 etc., that is, include map in graphic summary. Fig. 67.
 - 29. Apples (boxee) farm prince and city jobbing prince. (Dot Maps)
 Decision: Re-make, lettering as in No. 30.
- 30. Destination of oxilot shipmants of depreia peconds. June 5 to
 July 12, inclusive, 1921. (Map)

 Decision: Include as outstanding examples one or two finit graphs
 (Stramberries and Georgie pecones, included) and one or
 two vegetable graphs (potators, for instance), that adapt
 the rest that the same thing is going on with a grast
 many commodities. Simply to far enough to clearly
 the factoduce the problem to the producers and the conscience.
 The Franchock should be an inventory of problems that cash be
 rorked out in order that present conditions can be fully motor
 - 31. Plum and prume trees. Acresse (Map)
 - 32. Fraite and mate, Adresge. (Map)
 - 33. Apple trees of boaring age. Acresga. (Map)
 - ph. Feach trees of bearing age. Acreage. (Map)
 - Decision: O.K.

- 36. Potatoes Production map. 1 dot 1000 acres.

 Decision: Prepare Continental map for potato production (acreage) including Porto Rico and Bermuda, bringing in the relationship between the Canadian and Bermuda crop.
- 37. Snap Beans 1 dot to each 100 acres.

 Decision: Use map in F.B. 289, Fig. 9, last revision.
- 38. Dry Beans 1 dot equals 1000 acres.
 Decision: Use map in F.B. 289, Fig. 1, last revision.
- 39. Cabbage, Early or Market Crop for Shipment.
 Decision: Prepare map on basis of 1 dot for 100 acres.
- 40. Cabbage, Late crop (storage and krout crop)
 Decision: Prepare map on basis of 1 dot for 100 acres.
- 41. Muskmelons 1 dot equals 100 acres.

 Decision: Use map in Graphic Summary, Figure 54.
- 42. Sweet Corn, Market and Canning crops. (1 dot equals 100 acres)
 Decision: Use map in Graphic Summary, Figure 57.
- 43. Onions, Main Crop and Bermuda. (1 dot equals 100 acres)
 Decision: Prepare one map, showing both Main and Bermuda crops,
 giving some explanation.
- 44. Peas, Market and Canning Crops. (1 dot equals 100 acres)
 Decision: Prepare one map, even though there is some overlapping.
- 45. Watermelons 1 dot equals 100 acres.
 Decision: Use map in Graphic Summary, Figure 55.
- 46. Tomatoes, Early crop and Canning Crop.

 Decision: Prepare one map showing both early crop and canning crop, with explanations.
- 47. Sweet Potatoes Production map. (1 dot equals 500 acres)
 Decision: Prepare map on the same basis as No. 36.
- 48. Peanuts.
 Decision: O.K.
- 49. Vegetables for Sale 1 dot equals 500 acres.
 Decision: O.K.
- 50. Vegetables for Home Use 1 dot equals \$25,000. Decision: O. K.
- 51. Vegetable Forcing Industry 1 dot equals \$20,000, or one acre.

 Decision: O.K.

- lationally between the Canadian and Earthal eron.
 - serves OOI mass of dob I smant made all Reision: Use map in F.B. 289, Fig. 9, last revieton.
 - Dry Beans 1 dov equals 1000 serses. Decision: Use map in F.B. 289, Fig. 1, last revision.
 - 39. cabbare, Early or Market Orop for Shipment. Decision: Prepare man on beats of 1 doc for 100 acres.
 - (que debene lace erop (greene and krout erop) Decision: Propare map on basis of 1 Set for 100 acres.
 - it. Marinaloss 1 dot sculs 100 seres. Decision: Use may to Graphic Sugary, Figure 54.
 - Decision: Vee may is Graphic Summary, Figure 57.
- Propare one may showing both early crop and canning crop,
 - Tectsion: Prepare map on the same benis as No. 36.

 - kg. Vegetables for Sale 1 dot equals 500 acres.
 - 50. Vegetables for home Use 1 det equals \$25.000.
 Destates O. K.

 11. Vegetable Poreing Industry 1 det equale \$20.000.
 Destates O.K.

- 52. Money Value Comparison, Vegetables of Old World vs. New World Origin.

 Decision: Prepare bar graph. Suggestion made that the graph be
 made with sweet potatoes on a reasonable length of line
 and then say that the Irish potato line would be ten
 times (or whatever the multiple might be) as long.
 The chart was turned over to Mr. Johnson for experiment.
- 53. Shipping Season movement, Upcoast, of Lettuce, Tomatoes, and Watermelons (Based on dates)

 Decision: Cannot afford map for an individual truck crop movement. Use one crop and say that this represents what happens with a whole group of crops. Take a staple rather than a luxury crop. Take either cabbage or potatoes and see which works out the best.
- 54. Exports Canned Goods (Cases and Value)

 Exports Dried and Fresh Vegetables (Based on Value)

 Decision: Try combining these two graphs, including canned, dried, and fresh goods exported, and showing both exports and production on a bar graph, one bar for production and the other, under it, for exports.
- 55. Range Prices by months Potatoes, Sweet Potatoes, Tomatoes, Cabbage.

 Decision: Re-make from later data.

 Suggestions: Take potatoes alone and parallel that with apples.

 Prices on cabbage for 29 years are available. If

 we could have those seasonal price ranges on potatoes.

 onions, and cabbage, they would be very significant.
- 56. Seasonal Variation Potatoes, Yield and Prices, over a long period of years.

 Decision: Re-make.

 Comments: A very important thing is the fact that our bumper crops come from increased yields due to seasonal factors, rather than from increased acreage.
- 57. Sweet Potatoes, acreage, production, and yield. Decision: O.K. (Presented by Mr. Hunn)

Graphs showing the following subjects were suggested for further consideration

- 1. In connection with fruits, we should have graphs showing exports of dried and canned fruits and other fruit products, including raisins.
- 2. In connection with the export of dried fruits, one important thing is the destination. Canada is our great consumer of raisins, England is the next great consumer, and then you go to the Orient Japan and China. We could make a bar graph labeled with countries.
- 3. It would be interesting to have a world supply and distribution table for raisins.
- 4. It would be very significant if we could have seasonal price ranges by months, on potatoes, onions, and cabbages; or take potatoes alone and parallel that with apples.

Selection: France ber graph. Suggestion made that the graph be Bauken. Bauken. Bushed the Bauken ber graph ber graph. Suggestion made that the graph of itse made then may that the Irish poten alone would be ten time with the time militale might be ten time. (or chartes the multiple might be) as long.

The chart was tarned over to Mr. Johnson for experiment.

53. Shipping Saces movement, Updonst, of Pettace, Tomatoes, and
Taternelons (Based on dates)

Decision: Campos afford map for an individual track orep movement, The one crap and say that this represents what
happens math a whole group of oreps. Take a staple
rather than a luxery orep. Take either cabbage or
potatues and see which works out the bast.

54. Exports - Canned Goods (Cases and Value)
Exports - Dried and Fresh Tegotables (Eased on Value)
Decision: Try combining these two graphs, including carned, dried,
and fresh goods exported, and showing both exports and
predamption on a bar graph, one has for production and
the other, under it, for exports.

55, Range Prices - by months - Potatoes, Sweet Potatoes, Tomathee, Cabbage-Secretarion: Re-make from later data. Socretaions: Take potatoes alone and parallel that with apples. Prices on cabbage for 89 years are available. If we noted have those seasonal rrice ranges on potatoes.

Josephan Variation - Potatoes, Tield and Priose, over a long period of pectation: Pe-make.

Decision: Pe-make.

Comments: A very important thing is the fact that our bumper crops comments: A very important thing is the fact to seasonal factors.

57. Smeet Potences, acresge, production, and yield, Dectaion: O.K. (Presented by Mr. Eard)

draphs showing the following cubjects were suggested for further confirmath

- 1. In connection with fraise, we should have graphs aboving emports of dried and canned dwaite and other frais products, including relains.
- 2. In commention with the expert of dried fraits, one important thing is the destination. Canada is our great communer of raining. England is the next great communer, and then you go to the Orient Japan and Chins. We could make a tor great labeled with countries.
 - 3. It would be interesting to have a sorid supply and distribution table for relains.
- b. It would be very significant if we need have sessonel price ranges by months, on pateross, onlone, and coopages: or take potetoes alone